

Editorial Index 1991

ASSOCIATIONS/CONVENTIONS

January

- 51 Neon Sign Symposium, Naarden, Holland

February

- 124 European sign exhibitions

March

- 36 Trim-Line distributors form association, *by Bill Collins*

April

- 20 Sign Ideas/Las Vegas sets attendance record

June

- 96 NESA rebounds with San Francisco show

August

- 20 The electric sign: report on the exhibit hall at NESA Intl. '91, *by Peter Perszyk*
94 Glass Art Society hosts outdoor neon exhibition, *by Wayne Strattman*
99 Lima Neon revisited: "New wave light", *by John Fischer*
110 SEG D conference moves to L.A.
112 Defeat of amortization crowns OAAA centennial, *by Wade Swormstedt*

October

- 118 The regilded age, *by John Fischer*

November

- 85 A pep talk about the environment, *by Kent Smith*
112 CONSAC '91 boosts common standards for Canada and US, *by Peter Perszyk*

December

- 80 Decreasing premiums by joining a group, *by Gregory Sharpless*
82 Sign association plays peacekeeping role, *by John Fischer*



AWARDS/CONTESTS

January

- 72 Commercial sign design 1991 (contest results)

February

- 102 8th annual Mack awards
110 Commercial sign design 1991 honorable mentions

March

- 108 More Commercial Sign Design 1991 honorable mentions

April

- 198 More Commercial sign design 1991 honorable mentions

May

- 80 The ugly sign contest, Part III, *by Butch "Superfrog" Anton*

- 123 Truckmania (Japanese truck art competition), *by Mike Marklew*

June

- 98 NESA 45th annual design contest winners

July

- 110 The 1991 Obie awards

September

- 68 Electric sign design 91

October

- 114 Award-winning tips from a small-town signshop, *by John Fischer*

November

- 116 SEG D announces winners in 5th annual contest, *by Gail Deibler Finke*

December

- 60 TSMA Design '91 contest
87 Electric Sign Design '91 honorable mentions

COMPUTERIZATION

February

- 90 Case histories: Signs & Things, Naples, FL, *by Wade Swormstedt*
98 Considerations for choosing a CAS system, *by Henning Lercbe*

April

- 194 Who needs the static?, *by Adam J. Sebran*

June

- 96 A CAS report from San Francisco, *by Bill Collins*

July

- 118 The cutting edge: CAS equipment, *by Rick Jory*

August

- 18 New medium arrives on Times Square

October

- 86 Service bureaus: Leave your weeding to the pros, *by Bill Collins*
112 Cut your downtime by cleaning up the shop, *by Adam J. Sebran*

November

- 122 Mac signmaking: A software review, Part I, *by Mike Jackson*
127 Macintosh hardware: It's your choice, *by Scott Harlin*

December

- 92 Mac signmaking: A software review, Part II, *by Mike Jackson*

- 94 Signmaking for the rest of us, *by Warren Church*
 99 Fonts, fonts and more fonts, *by Mike Jackson*

EDITORIAL

January

- 224 And the cobbler's kids go barefoot, *by Wade Swormsted*

February

- 232 The issue isn't signs, it's freedom, *by Roger Koopman*

March

- 232 A silver lining, *by Wade Swormsted*

April

- 336 NESA's turning point, *by Wade Swormsted*

May

- 248 Cleaned out by clean air, *by Angela Logomasini*

June

- 240 Instant success, *by Wade Swormsted*

July

- 256 A legacy of integrity, *by Wade Swormsted*

August

- 224 Signshops and the IBM/Apple deal, *by Bill Collins*

September

- 248 Changes (if) for the better, *by Wade Swormsted*

October

- 232 All that glitters, *by Wade Swormsted*

November

- 280 A gift from Claus, *by Wade Swormsted*

December

- 208 The need to compensate, *by Wade Swormsted*

EQUIPMENT

March

- 80 A spray gun breakthrough, *by Mike Bunnell*

July

- 118 The cutting edge: CAS equipment, *by Rick Jory*

August

- 72 Products, the top 50: a 12-month review, *by Debbie Eitb*

November

- 86 Building an in-house spray room, *by Wade Swormsted*

- 89 Where to go for help, *by Bill Collins*

- 127 Macintosh hardware: It's your choice, *by Scott Harlin*

FABRICATION/TECHNIQUE

February

- 38 The electric sign: MET Electrical Testing Co., Inc., *by Peter Perszyk*



April

- 196 Pole perils, *by Paul Krezel*

May

- 24 The "lost sponge" technique, *by John J. Freeman*

June

- 120 Airbrushing trompe l'oeil, *by Bill Jonas*

July

- 54 The electric sign: standards — how they're created, *by Peter Perszyk*

August

- 34 Nuts and bolts: mid-point grounding, *by Paul R. Davis*

September

- 22 The electric sign: electric sign design in terms of safety and ease of maintenance, *by Peter Perszyk*

October

- 20 The electric sign: conduit used in electric signs, *by Peter Perszyk*

- 50 Neon techniques: bombarding, Part II, *by Mark A. Snyder*

- 98 Sandblasting on the side, *by John P. Withers*

- 100 Making wood shields, *by John P. Withers*

November

- 48 Nuts and bolts: glitter material for signs, *by Paul R. Davis*

- 128 Going back in time, *by John Fischer*

HISTORICAL

January

- 52 Editorial Index 1990

March

- 96 Restoring the glow at Glen Echo, *by John Tymoski*

- 97 Glen Echo Park

April

- 162B Artkraft Strauss' Starr trek: The next generation, *by Wade Swormsted*

May

- 58 The eclectic sign: old and new products used by sign makers, *by Peter Perszyk*

- 98 The legend of Leeteg, *by John Fischer*

- 112 A Tesla odyssey, *by Michael Blazek*

- 116 Respect . . . just a little bit, *by F.I. Lovret*

- 118 Errant errand, *by Merv McIntyre*

- 119 Farmer's sign peeks curiosity, *by Dick O'Donnell*

- 130 The price is light, *by Wm. Stage*

- 132 Signs of extinction, *by Cbilly Childress*

- 134 Faith in neon

June

- 90 Golden oldies: Krueger Sign Co., *by Ken Krueger*

- 94 Golden oldies: Wolverine Sign Works, *by Bev Farrar*

- 110 Gulf war inspires a storm of signs, *by Bill Collins*

- 116 OAAA centennial

July

- 95 The old days, *by Tom Kane*

- 116 Resurrection of a landmark neon sign, *by William Stage*

August

- 64 Pearce Signs celebrates bicentenary . . . a strong tradition of craftsmanship

- 85 Lamplighter and boy return to Albany Howard Johnson's

- 86 Iowa signs up for riverboat gambling, *by Kay Danielson and Wm. Stage*

- 104 The trials and tribulations of hunting neon, *by Sarab Pattee*

November

- 70 Burma Shave poet dies, *by John Fischer*

December

- 114 Sign pros made Burma ads famous, *by Jim Delaney*

LEGAL

January

- 30 Legal issues: Federal Comprehensive Environmental Response Compensation and Liability Act — how it affects property owners, *by Robert M. Aran*

February

- 38 The electric sign: MET Electrical Testing Co., Inc., *by Peter Perszyk*

- 40 Legal issues: Regulation of non-conforming signs, *by David K. Jones*

- 86 The home office, *by Mark E. Battersby*

- 88 Legal affairs, *by Eric Freedman*

March

- 44 Legal issues: Misuse of the variance process, *by David K. Jones*

- 82 Hazardous materials shipping causes additional UPS charge, *by John Fischer*

- 92 The California precedent, *by Wade Swormsted*

April

- 30 The electric sign: window signs, *by Peter Perszyk*
- 72 Legal issues: obtaining a sign permit, *by David K. Jones*

June

- 24 Legal issues: ambiguity in the Highway Beautification Act regarding government's definition of "property", *by David K. Jones*

July

- 54 The electric sign: standards — how they're created, *by Peter Perszyk*

August

- 86 Iowa signs up for riverboat gambling, *by Kay Danielson and Wm. Stage*
- 112 Defeat of amortization crowns OAAA centennial, *by Wade Swormstedt*

October

- 33 Legal issues: sign code interpretation, *by David K. Jones*
- 76 Subcontractor or employee?, *by Wade Swormstedt*
- 79 A tax attorney's view (re: subcontracting), *by Steven F. Gay*

November

- 64 Logo signs and the HBA: A perspective
- 84 Environment: Introduction
- 86 Building an in-house spray room, *by Wade Swormstedt*
- 89 Where to go for help, *by Bill Collins*
- 90 Protection through inspection, *by Eric Freedman*
- 94 The Americans with Disabilities Act: What can the sign industry expect?, *by John Fischer*
- 98 Preventing a bad sign ordinance: A case history, *by Thomas C. Pabne*
- 132 Caught in the bowels of sign permit hell, *by Merv McIntyre*

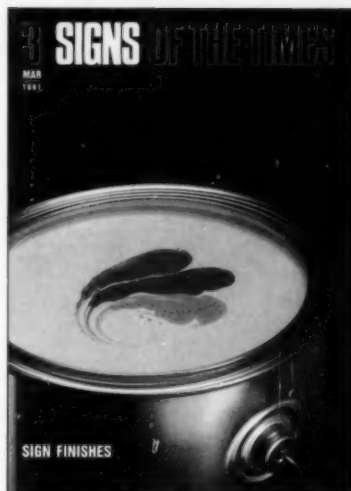
December

- 72 Workers' compensation: one man's fight, *by Wade Swormstedt*
- 76 Workers' compensation in Texas, *by Mickey Youngblood*
- 80 Decreasing premiums by joining a group, *by Gregory Sharpless*

MANAGEMENT

February

- 76 Growth management: Introduction
- 76 Strategic planning, Part 1, *by Bert Guinee*
- 78 Doing business in a down economy
- 80 Basic considerations of acquisitions, *by John A. Jobansen*
- 81 Selling Your Business: Packaging that sells, *by Paul M. Somers*
- 84 Selling Your Business: Selling my business, *by Bert Rosenkrantz*
- 86 The home office, *by Mark E. Battersby*



- 88 Legal affairs, *by Eric Freedman*

March

- 104 Strategic planning, Part 2: Situation analysis, *by Bert Guinee*

April

- 92 Maintenance on call, *by Wade Swormstedt*
- 96 Employee retirement plans, *by Michael V. Jordan*
- 162B Artkraft Strauss' Starr trek: The next generation, *by Wade Swormstedt*
- 190 Strategic planning, Part 3: Tactical development, *by Bert Guinee*

June

- 84 The franchisees speak

July

- 96 Whiteway Signs Pty. Ltd., Melbourne, Victoria, *by Merv McIntyre*
- 100 State of the industry 1990 report

August

- 62 State of the industry 1990: addendum
- 80 A survey about non-franchise vinyl signshops

October

- 68 Subcontracting in the sign industry: An introduction
- 69 A survey of subcontracting activity, *by Wade Swormstedt*
- 76 Subcontractor or employee?, *by Wade Swormstedt*
- 79 A tax attorney's view (re: subcontracting), *by Steven F. Gay*
- 92 Sears installation network approaches third year, *by Wade Swormstedt*
- 94 Outsourcing: Forming strategic alliances with subcontractors, *by Bert Guinee*

November

- 138 Cal. shop rides high-tech wave, *by Debra Lovelady*

December

- 62 Compensation in the sign industry, *by Gregory Sharpless*
- 72 Workers' compensation: one man's fight, *by Wade Swormstedt*

- 80 Decreasing premiums by joining a group, *by Gregory Sharpless*
- 84 Credit insurance: A case history, *by Wade Swormstedt*
- 85 Managing credit in difficult times, *by Fred Elkins*

MATERIALS

March

- 82 Hazardous materials shipping causes additional UPS charge, *by John Fischer*
- 84 Panel discussions, *by John Fischer*
- 92 The California precedent, *by Wade Swormstedt*

June

- 42 The electric sign: standard electrical connectors, *by Peter Perszyk*

August

- 20 The electric sign: report on the exhibit hall at NESA Intl. '91, *by Peter Perszyk*
- 62 State of the industry 1990: addendum
- 72 Products, the top 50: a 12-month review, *by Debbie Elit*

October

- 20 The electric sign: conduit used in electric signs, *by Peter Perszyk*
- 118 The regilded age, *by John Fischer*

November

- 48 Nuts and bolts: glitter material for signs, *by Paul R. Davis*
- 52 Neon techniques: vacuum systems, *by Larry Albright*
- 102 Products of environmental concern
- 112 CONSAC '91 boosts common standards for Canada and US, *by Peter Perszyk*
- 122 Mac signmaking: A software review, Part I, *by Mike Jackson*

December

- 22 The electric sign: resources for signmakers, *by Peter Perszyk*
- 34 Nuts and bolts: ladders, *by Paul R. Davis*
- 92 Mac signmaking: A software review, Part II, *by Mike Jackson*
- 110 Signing on with fiber art, *by Barbara Dinerman*

MISCELLANEOUS

May

- 30 Signage confusion, *by Duncan Campbell*
- 38 Layman turned sign aficionado, *by Myles Kapson*
- 72 Nuts and bolts: a look at bizarre signs, *by Paul R. Davis*
- 136 X-mas cards July
- 72 Australia: An industry overview, *by Merv McIntyre*

November

- 62 Russia cuts its teeth on bus advertising

NEON

January

- 18 Neon techniques: bombardier controls, *by Wayne Strattman*
- 26 The electric sign: a neon sign in Washington, DC, *by Peter Perszyk*
- 40 Nuts and bolts: neon-lit letters; making neon signs with false channel letters, *by Paul R. Davis*

February

- 66 Interview: Michael Hayden, *by Christian Schiess*
- 75 Computerized "Chaos", *by Susan Coben*
- 93 Case histories: The Neon Co., Atlanta, GA, *by Gareth Fenley*

March

- 28 The electric sign: neon in Las Vegas, *by Peter Perszyk*
- 38 Neon techniques: Border tubing installations, *by Wayne Strattman*
- 96 Restoring the glow at Glen Echo, *by John Tymoski*
- 103 Kraft's rising star showcased at The Shops

April

- 68 Neon techniques: methods and equipment used to cut glass tubing, *by Wayne Strattman*
- 98 British School of Neon steps into the '90s, *by Christian Schiess*
- 172 dba Archigraphics: An interview with neon artist Eric Zimmerman, *by Tod Swormstedt*
- 180 Interview: Dante Leonelli, *by Christian Schiess*

May

- 68 Neon techniques: solving "jelly bean" and mercury migration problems of high-frequency, solid-state neon power supplies, *by Fred Graham*
- 120 Vegas vehicle graphics = sensory bombardment
- 134 Faith in neon

June

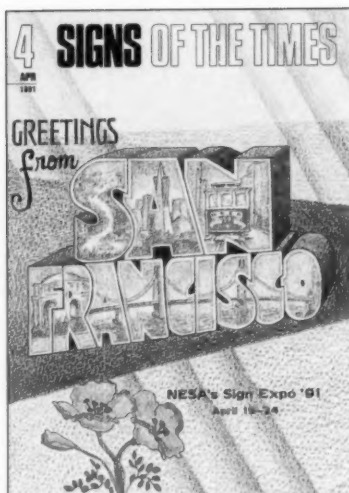
- 56 Neon techniques: differences and misconceptions of the aspirator and diffusion pump, *by Mark A. Snyder*
- 126 The artists at Lumiere, *by Christian Schiess*

July

- 40 Neon techniques: pros and cons of secondary vacuum pumps and neon, *by Mark A. Snyder*
- 82 Barton Glass & Gas, Sydney, New South Wales & Adelaide, South Australia, *by Merv McIntyre*
- 96 Whiteway Signs Pty. Ltd., Melbourne, Victoria, *by Merv McIntyre*
- 116 Resurrection of a landmark neon sign, *by William Stage*

August

- 34 Nuts and bolts: mid-point grounding, *by Paul R. Davis*



- 48 Neon techniques: flame and oven annealing, *by Mark A. Snyder*
- 94 Glass Art Society hosts outdoor neon exhibition, *by Wayne Strattman*
- 99 Lima Neon revisited: "New wave light", *by John Fischer*
- 104 The trials and tribulations of hunting neon, *by Sarah Pattee*

September

- 32 Nuts and bolts: pricing neon work; applying blackout paint to back of neon tubing, *by Paul R. Davis*
- 44 Neon techniques: bombarding procedures, Part 1, *by Mark A. Snyder*

November

- 52 Neon techniques: vacuum systems, *by Larry Albright*

December

- 26 Neon techniques: effects of atmospheric conditions on neon gases; effects of electrode size and temperature on voltage, *by Wayne Strattman*
- 104 Interview: Craig Kraft, *by Christian Schiess*

OUT-OF-HOME

August

- 18 New medium arrives on Times Square

September

- 128 Outdoor heightens public awareness, *by John Fischer*

November

- 62 Russia cuts its teeth on bus advertising
- 64 Logo signs and the HBA: A perspective
- 142 Aerial banner bonanza, *by Poppy Evans*

December

- 114 Sign pros made Burma ads famous, *by Jim Delaney*

PRODUCTS

February

- 98 Considerations for choosing a CAS system, *by Henning Lercbe*

March

- 70 Finishes: Introduction
- 71 The coatings manufacturers
- 77 True(r) colors, *by Wade Swormstedt*

May

- 58 The eclectic sign: old and new products used by sign makers, *by Peter Perszyk*

September

- 65 New product feature: neon pattern-making software

PROFILES/INTERVIEWS

February

- 66 Interview: Michael Hayden, *by Christian Schiess*
- 75 Computerized "Chaos", *by Susan Coben*
- 90 Case histories: Signs & Things, Naples, FL, *by Wade Swormstedt*
- 93 Case histories: The Neon Co., Atlanta, GA, *by Gareth Fenley*
- 100 Having a ball in Williamsport (PA), *by John Fischer*

March

- 71 The coatings manufacturers
- 84 Panel discussions, *by John Fischer*
- 96 Restoring the glow at Glen Echo, *by John Tymoski*
- 97 Glen Echo Park
- 103 Kraft's rising star showcased at The Shops

April

- 92 Maintenance on call, *by Wade Swormstedt*
- 98 British School of Neon steps into the '90s, *by Christian Schiess*
- 108 A fashionable facelift, *by Tod Swormstedt*
- 162B Artkraft Strauss' Starr trek: The next generation, *by Wade Swormstedt*
- 172 dba Archigraphics: An interview with neon artist Eric Zimmerman, *by Tod Swormstedt*
- 180 Interview: Dante Leonelli, *by Christian Schiess*

May

- 26 Signshop highlighted in Ripley's Unbelievable?, *by Willie Yesrod*
- 41 Las Vegas slot machine is a casino, *by Bill Collins*
- 98 The legend of Leeteg, *by John Fischer*
- 102 JJ of LA, *by John Fischer*
- 106 Senior signpainter now elevated elder, *by John Fischer*
- 108 The Golde era of signs, *by George Golde*
- 114 The ides have it, *by Walter Hartlauer*
- 116 Respect . . . just a little bit, *by F.I. Louret*

- 120 Vegas vehicle graphics = sensory bombardment

June

- 74 A survey about franchised signshops
90 Golden oldies: Krueger Sign Co., *by Ken Krueger*
94 Golden oldies: Wolverine Sign Works, *by Bev Farrar*

July

- 79 Sydney Technical College
80 NorSign, Mackay, Queensland, *by Merv McIntyre*
82 Barton Glass & Gas, Sydney, New South Wales & Adelaide, South Australia, *by Merv McIntyre*
84 Cunneen & Co. Pty., Granville, New South Wales, *by Merv McIntyre*
86 Gresham Signs, Pty. Ltd., Penrith, New South Wales, *by Merv McIntyre*
88 Warren Gleeson & Assoc., North Sydney, New South Wales, *by Merv McIntyre*
90 Midwest Signs, Orange, New South Wales, *by Merv McIntyre*
93 Althouse & Geiger, Sydney, New South Wales, *by Merv McIntyre*
95 The old days, *by Tom Kane*
96 Whiteway Signs Pty. Ltd., Melbourne, Victoria, *by Merv McIntyre*

August

- 64 Pearce Signs celebrates bicentenary ... a strong tradition of craftsmanship
86 Iowa signs up for riverboat gambling, *by Kay Danielson and Wm. Stage*
104 The trials and tribulations of hunting neon, *by Sarah Pattee*

October

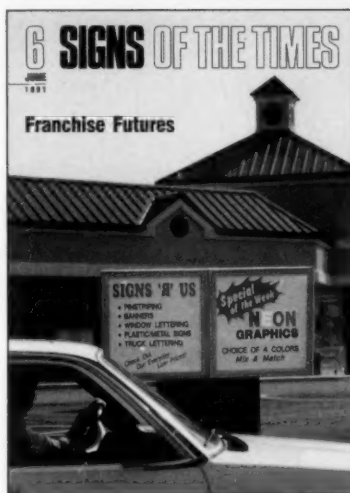
- 80 Subcontracting profiles: Mike Jackson/Jackson Signs, *by John Fischer*
83 Subcontracting profiles: Keith Knecht/Knecht Designs, *by John Fischer*
84 Subcontracting profiles: Bert Rosenkrantz/Livingston, NJ, *by John Fischer*
92 Sears installation network approaches third year, *by Wade Swormstedt*
106 Woodsmith carves niche in Steamboat Springs (CO), *by Geri Anderson*

November

- 94 The Americans with Disabilities Act: What can the sign industry expect?, *by John Fischer*
128 Going back in time, *by John Fischer*
138 Cal. shop rides high-tech wave, *by Debra Lovelady*

December

- 100 Success by design, *by John Fischer*
104 Interview: Craig Kraft, *by Christian Schiess*



- 110 Signing on with fiber art, *by Barbara Dinerman*
114 Sign pros made Burma ads famous, *by Jim Delaney*
84 Credit insurance: A case history, *by Wade Swormstedt*

SELLING/MARKETING

February

- 78 Doing business in a down economy
81 Selling Your Business: Packaging that sells, *by Paul M. Somers*
84 Selling Your Business: Selling my business, *by Bert Rosenkrantz*

March

- 56 Vinyl graphics: Marketing vinyl graphics, *by Larry S. Mitchell*

April

- 36 Nuts and bolts: producing high-quality completion photographs with a 35mm camera, *by Paul R. Davis*

September

- 32 Nuts and bolts: pricing neon work; applying blackout paint to back of neon tubing, *by Paul R. Davis*

October

- 69 A survey of subcontracting activity, *by Wade Swormstedt*
98 Sandblasting on the side, *by John P. Wittbers*
116 Selling in bad (or any other) times, *by Lloyd Allard*

November

- 20 The electric sign: electrical signs for exhibits and displays, *by Peter Perszyk*

December

- 28 Tax talk: sponsorship, *by Mark E. Battersby*

SPECIAL ISSUES

January

- Commercial sign design

February

- Growth Management

March

- Sign Finishes

April

- Spring convention issue

May

- Bizarre issue

June

- Shops without brushes

July

- Australia: An industry overview

August

- New products review

September

- Electric design '91

October

- Subcontracting

November

- Environment

December

- Compensation

VINYL

January

- 22 Vinyl graphics: cold-weather vinyl application skills, *by Larry S. Mitchell*

March

- 36 Trim-Line distributors form association, *by Bill Collins*
56 Vinyl graphics: Marketing vinyl graphics, *by Larry S. Mitchell*

April

- 52 Vinyl graphics: techniques used by professional striping installers, Part 1, *by Larry S. Mitchell*

June

- 38 Vinyl graphics: vinyl and striping tales, *by Larry S. Mitchell*

July

- 34B Vinyl graphics: striping techniques, *by Larry S. Mitchell*

August

- 56 Vinyl graphics: techniques used by professional striping installers, Part 2, *by Larry S. Mitchell*
80 A survey about non-franchise vinyl signshops

October

- 86 Service bureaus: Leave your weeding to the pros, *by Bill Collins*

November

- 76 Vinyl graphics: striping techniques, *by Larry S. Mitchell*
92 Recycling PVC

Authors Index

Albright, Larry

- Neon techniques: vacuum systems/
NOV 52

Allard, Lloyd

- Selling in bad (or any other) times/
OCT 116

Anderson, Geri

Woodsmith carves niche in Steamboat Springs (CO)/OCT 106

Anton, Butch "Superfrog"

The ugly sign contest, Part III/MAY 80

Aran, Robert M.

Legal issues: Federal Comprehensive Environmental Response Compensation and Liability Act — how it affects property owners/JAN 30

Battersby, Mark E.

The home office/FEB 86
Tax talk: sponsorship/DEC 28

Blazek, Michael

A Tesla odyssey/MAY 112

Bunnell, Mike

A spray gun breakthrough/MAR 80

Campbell, Duncan

Signage confusion/MAY 30

Childress, William "Chilly"

Signs of extinction/MAY 132

Church, Warren

Signmaking for the rest of us/DEC 94

Cohen, Susan

Computerized "Chaos"/FEB 75

Collins, Bill

Trim-Line distributors form association/MAR 36

Las Vegas slot machine is a casino/
MAY 41

A CAS report from San Francisco/
JUN 96

Gulf war inspires a storm of signs/
JUN 110

Signshops and the IBM/Apple deal/
AUG 224

Service bureaus: Leave your weeding
to the pros/OCT 86

Where to go for help/NOV 89

Danielson, Kay

Iowa signs up for riverboat gambling/AUG 86

Davis, Paul R.

Nuts and bolts: neon-lit letters; making
neon signs with false channel letters/JAN 40

Nuts and bolts: producing high-quality
completion photographs with a
35mm camera/APR 36

Nuts and bolts: a look at bizarre signs/
MAY 72

Nuts and bolts: mid-point grounding/
AUG 34

Nuts and bolts: pricing neon work;
applying blackout paint to back of
neon tubing/SEP 32

Nuts and bolts: glitter material for
signs/NOV 48

Nuts and bolts: ladders/DEC 34

Delaney, Jim

Sign pros made Burma ads famous/
DEC 114

Dinerman, Barbara

Signing on with fiber art/DEC 110

Eith, Debbie

Products, the top 50: a 12-month
review/AUG 72

Elkins, Fred

Managing credit in difficult times/
DEC 85

**Evans, Poppy**

Aerial banner bonanza/NOV 142

Farrar, Bev

Golden oldies: Wolverine Sign Works/
JUN 94

Fenley, Gareth

Case histories: The Neon Co., Atlanta,
GA/FEB 93

Finke, Gail Deibler

SEGD announces winners in 5th annual
contest/NOV 116

Fischer, John

Having a ball in Williamsport (PA)/
FEB 100

Hazardous materials shipping causes
additional UPS charge/MAR 82

Panel discussions/MAR 84

The legend of Leeteg/MAY 98

JJ of LA/MAY 102

Senior signpainter now elevated
elder/MAY 106

Lima Neon revisited: "New wave light"/
AUG 99

Outdoor heightens public awareness/
SEP 128

Subcontracting profiles: Mike Jackson/
Jackson Signs/OCT 80

Subcontracting profiles: Keith Knecht/
Knecht Designs/OCT 83

Subcontracting profiles: Bert Rosen-
krantz/Livingston, NJ/OCT 84

Award-winning tips from a small-town
signshop/OCT 114

The regilded age/OCT 118

Burma Shave poet dies/NOV 70

The Americans with Disabilities Act:
What can the sign industry expect?/
NOV 94

Going back in time/NOV 128

Sign association plays peacekeeping
role/DEC 82

Success by design/DEC 100

Freedman, Eric

Legal affairs/FEB 88

Protection through inspection/NOV 90

Freeman, John J.

The "lost sponge" technique/MAY 24

Gay, Steven F.

A tax attorney's view (re: subcontract-
ing)/OCT 79

Golde, George

The Golde era of signs/MAY 108

Graham, Fred

Neon techniques: solving "jelly bean"
and mercury migration problems of
high-frequency, solid-state neon
power supplies/MAY 68

Guinee, Bert

Strategic planning, Part 1/FEB 76

Strategic planning, Part 2: Situation
analysis/MAR 104

Strategic planning, Part 3: Tactical de-
velopment/APR 190

Outsourcing: Forming strategic alli-
ances with subcontractors/OCT 94

Harlin, Scott

Macintosh hardware: It's your choice/
NOV 127

Hartlauer, Walter

The ideas have it/MAY 114

Jackson, Mike

Mac signmaking: A software review,
Part I/NOV 122

Mac signmaking: A software review,
Part II/DEC 92

Fonts, fonts and more fonts/DEC 99

Johansen, John A.

Basic considerations of acquisitions/
FEB 80

Jonas, Bill

Airbrushing trompe l'oeil/JUN 120

Jones, David K.

Legal issues: Regulation of non-con-
forming signs/FEB 40

Legal issues: Misuse of the variance
process/MAR 44

Legal issues: obtaining a sign permit/
APR 72

Legal issues: ambiguity in the Highway
Beautification Act regarding govern-
ment's definition of "property"/
JUN 24

Legal issues: sign code interpretation/
OCT 33

Jordan, Michael V.

Employee retirement plans/APR 96

Jory, Rick

The cutting edge: CAS equipment/
JUL 118

Kane, Tom

The old days/JUL 95

Kapson, Myles

Layman turned sign aficionado/
MAY 38

Koopman, Roger

The issue isn't signs, it's freedom/
FEB 232

Krezel, Paul

Pole perils/APR 196

Krueger, Ken

Golden oldies: Krueger Sign Co./
JUN 90

Lerche, Henning

Considerations for choosing a CAS sys-
tem/FEB 98

Logomasini, Angela

Cleaned out by clean air/MAY 248

Lovelady, Debra

Cal. shop rides high-tech wave/
NOV 138

Lovret, E.I.

Respect . . . just a little bit/MAY 116

Marklew, Mike

Truckmania (Japanese truck art competition)/MAY 123

McIntyre, Merv

Errant errand/MAY 118

Australia: An industry overview/JUL 72

NorSign, Mackay, Queensland/JUL 80

Barton Glass & Gas, Sydney, New South Wales & Adelaide, South Australia/JUL 82

Cunneen & Co. Pty., Granville, New South Wales/JUL 84

Gresham Signs, Pty. Ltd., Penrith, New South Wales/JUL 86

Warren Gleeson & Assoc., North Sydney, New South Wales/JUL 88

Midwest Signs, Orange, New South Wales/JUL 90

Althouse & Geiger, Sydney, New South Wales/JUL 93

Whiteway Signs Pty. Ltd., Melbourne, Victoria/JUL 96

Caught in the bowels of sign permit hell/NOV 132

Mitchell, Larry S.

Vinyl graphics: cold-weather vinyl application skills/JAN 22

Vinyl graphics: marketing vinyl graphics/MAR 56

Vinyl graphics: techniques used by professional striping installers, Part I/APR 52

Vinyl graphics: vinyl and striping tales/JUN 38

Vinyl graphics: striping techniques/JUL 34B

Vinyl graphics: techniques used by professional striping installers, Part 2/AUG 56

Vinyl graphics: striping techniques/NOV 76

O'Donnell, Dick

Farmer's sign peeks curiosity/MAY 119

Pahnke, Thomas C.

Preventing a bad sign ordinance: A case history/NOV 98

Pattee, Sarah

The trials and tribulations of hunting neon/AUG 104

Perszyk, Peter

The electric sign: a neon sign in Washington, DC/JAN 26

The electric sign: MET Electrical Testing Co., Inc./FEB 38

The electric sign: neon in Las Vegas/MAR 28

The electric sign: window signs/APR 30

The eclectic sign: old and new products used by sign makers/MAY 58

The electric sign: standard electrical connectors/JUN 42

The electric sign: standards — how they're created/JUL 54

The electric sign: report on the exhibit hall at NESA Intl. '91/AUG 20

The electric sign: electric sign design in terms of safety and ease of maintenance/SEP 22

8 SIGNS OF THE TIMES

PEARCE SIGNS
100 YEARS IN THE MAKING

The electric sign: conduit used in electric signs/OCT 20

The electric sign: electrical signs for exhibits and displays/NOV 20

CONSAC '91 boosts common standards for Canada and US/NOV 112

The electric sign: resources for sign-makers/DEC 22

Rosenkrantz, Bert

Selling Your Business: Selling my business/FEB 84

Schiess, Christian

Interview: Michael Hayden/FEB 66

British School of Neon steps into the '90s/APR 98

Interview: Dante Leonelli/APR 180

The artists at Lumiere/JUN 126

Interview: Craig Kraft/DEC 104

Sebran, Adam J.

Who needs the static?/APR 194

Cut your downtime by cleaning up the shop/OCT 112

Sharpless, Gregory

Compensation in the sign industry/DEC 62

Decreasing premiums by joining a group/DEC 80

Smith, Kent

A pep talk about the environment/NOV 85

Snyder, Mark A.

Neon techniques: differences and misconceptions of the aspirator and diffusion pump/JUN 56

Neon techniques: pros and cons of secondary vacuum pumps and neon/JUL 40

Neon techniques: flame and oven annealing/AUG 48

Neon techniques: bombarding procedures, Part I/SEP 44

Neon techniques: bombarding, Part II/OCT 50

Somers, Paul M.

Selling Your Business: Packaging that sells/FEB 81

Stage, Wm.

The price is light/MAY 130

Resurrection of a landmark neon sign/JUL 116

Iowa signs up for riverboat gambling/AUG 86

Strattman, Wayne

Neon techniques: bombardier controls/JAN 18

Neon techniques: border tubing installations/MAR 38

Neon techniques: methods and equipment used to cut glass tubing/APR 68

Glass Art Society hosts outdoor neon exhibition/AUG 94

Neon techniques: effects of atmospheric conditions on neon gases; effects of electrode size and temperature on voltage/DEC 26

Swormstedt, Tod

A fashionable facelift/APR 108

dba Archigraphics: An interview with neon artist Eric Zimmerman/APR 172

Swormstedt, Wade

And the cobbler's kids go barefoot/JAN 224

Case histories: Signs & Things, Naples, FL/FEB 90

True(r) colors/MAR 77

The California precedent/MAR 92

A silver lining/MAR 232

Maintenance on call/APR 92

Artkraft Strauss' Starr trek: The next generation/APR 162B

NESA's turning point/APR 336

Instant success/JUN 240

A legacy of integrity/JUL 256

Defeat of amortization crowns OAAA centennial/AUG 112

Changes (if) for the better/SEP 248

A survey of subcontracting activity/OCT 69

Subcontractor or employee?/OCT 76

Sears installation network approaches third year/OCT 92

All that glitters/OCT 232

Building an in-house spray room/NOV 86

A gift from Claus/NOV 280

Workers' compensation: one man's fight/DEC 72

Credit insurance: A case history/DEC 84

The need to compensate/DEC 208

Tymoski, John

Restoring the glow at Glen Echo/MAR 96

Withers, John P.

Sandblasting on the side/OCT 98

Making wood shields/OCT 100

Yesrod, Willie

Signshop highlighted in Ripley's Unbelievable?/MAY 26

Youngblood, Mickey

Workers' compensation in Texas/DEC 76

Subject Index

ASI Sign Systems

The Americans with Disabilities Act:
What can the sign industry expect?/
NOV 94

Abby Signs, Inc.

Having a ball in Williamsport (PA)/
FEB 100

Acme Sign Co.

Iowa signs up for riverboat gambling/
AUG 86

Adler Visual Systems

Iowa signs up for riverboat gambling/
AUG 86

Allen Signs

Iowa signs up for riverboat gambling/
AUG 86

Althouse & Geiger

Althouse & Geiger, Sydney, New South
Wales/JUL 93

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act:
What can the sign industry expect?/
NOV 94

Apple Computer, Inc.

Signshops and the IBM/Apple deal/
AUG 224

Artists and Light exposition

The artists at Lumiere/JUN 126

Artkraft Strauss Sign Corp.

Artkraft Strauss' Starr trek: The next
generation/APR 162B

Artspace/Lima

Lima Neon revisited: "New wave
light"/AUG 99

Australia

Australia: An industry overview/JUL 72

Barton Glass & Gas

Barton Glass & Gas, Sydney, New
South Wales & Adelaide, South Australia/JUL 82

Barton, Norm

Barton Glass & Gas, Sydney, New
South Wales & Adelaide, South Australia/JUL 82

Bartush Signs

Building an in-house spray room/
NOV 86

Boyd, Mike

Case histories: Signs & Things, Naples,
FL/FEB 90

Brenner, Gregg

Case histories: The Neon Co., Atlanta,
GA/FEB 93

Brite Lite Service Co.

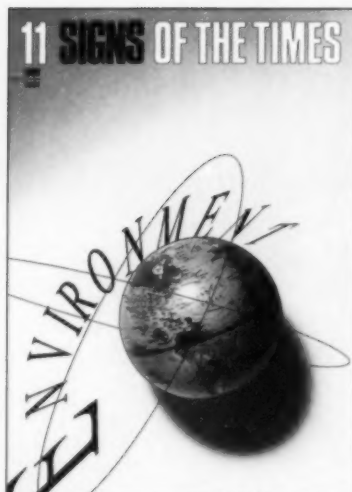
Workers' compensation: one man's
fight/DEC 72

British School of Neon

British School of Neon steps into the
'90s/APR 98

Burma Shave

Burma Shave poet dies/NOV 70
Sign pros made Burma ads famous/
DEC 114



CERCLA

Legal issues: Federal Comprehensive
Environmental Response Compensation
and Liability Act — how it affects
property owners/JAN 30

Centre National Art & Technologie (CNAT)

The artists at Lumiere/JUN 126

Champion Brewing Co.

Going back in time/NOV 128

Cohen, Michael

Computerized "Chaos"/FEB 75

Collard, Peter

NorSign, Mackay, Queensland/JUL 80

Compensation

Compensation in the sign industry/
DEC 62

The need to compensate/DEC 208

Cook, Bruce, Donald, Gratz and Paul

Golden oldies: Wolverine Sign Works/
JUN 94

Crane, Dick

Farmer's sign peeks curiosity/MAY 119

Creative Concepts / Macramates

Signing on with fiber art/DEC 110

Cunneen & Co. Pty.

Cunneen & Co. Pty., Granville, New
South Wales/JUL 84

Cunneen, David

Cunneen & Co. Pty., Granville, New
South Wales/JUL 84

Ethridge, Ken

The Americans with Disabilities Act:
What can the sign industry expect?/
NOV 94

Fashion Island, Newport Beach, CA

A fashionable facelift/APR 108

Fazzi, Jay

Vegas vehicle graphics = sensory bombardment/MAY 120

Fenton, Jeff

Whiteway Signs Pty. Ltd., Melbourne,
Victoria/JUL 96

Gaddis, David

Sears installation network approaches
third year/OCT 92

Garratt, Fred

Whiteway Signs Pty. Ltd., Melbourne,
Victoria/JUL 96

Gasser Banner

Aerial banner bonanza/NOV 142

Gilscreen Designs

Iowa signs up for riverboat gambling/
AUG 86

Gleeson & Assoc., Warren

Warren Gleeson & Assoc., North Sydney,
New South Wales/JUL 88

Glen Echo Park

Restoring the glow at Glen Echo/
MAR 96

Glen Echo Park/MAR 97

Golde, George

The Golde era of signs/MAY 108

Gresham Signs, Pty. Ltd.

Gresham Signs, Pty. Ltd., Penrith, New
South Wales/JUL 86

Gresham, Steve

Gresham Signs, Pty. Ltd., Penrith, New
South Wales/JUL 86

Hampton Assoc.

A fashionable facelift/APR 108

Hampton, Randolph

A fashionable facelift/APR 108

Hanley Sign Co.

Lamplighter and boy return to Albany
Howard Johnson's/AUG 85

Harmon Sign Co.

A spray gun breakthrough/MAR 80
Credit insurance: A case history/
DEC 84

Hartlauer, Walter

The ides have it/MAY 114

Hayden, Michael

Interview: Michael Hayden/FEB 66

Heinz Prosch and Assoc.

Success by design/DEC 100

Highway Beautification Act

Legal issues: ambiguity in the Highway
Beautification Act regarding government's
definition of "property"/JUN 24
Logo signs and the HBA: A perspective/
NOV 64

Hinchcliff, Terry

Midwest Signs, Orange, New South
Wales/JUL 90

Holthaus Signs

Decreasing premiums by joining a
group/DEC 80

Howard Johnson's sign

Lamplighter and boy return to Albany
Howard Johnson's/AUG 85

IBM

Signshops and the IBM/Apple deal/
AUG 224

In Neon

Vegas vehicle graphics = sensory bombardment/MAY 120

International Game Technology

Las Vegas slot machine is a casino/
MAY 41

International Services Corp.

Sears installation network approaches
third year/OCT 92

JJ of LA (George Miles)

JJ of LA/MAY 102

Jackson Signs

Subcontracting profiles: Mike Jackson/
Jackson Signs/OCT 80

Jackson, Mike

Subcontracting profiles: Mike Jackson/
Jackson Signs/OCT 80

Kaiser, Milo

Sign pros made Burma ads famous/
DEC 114

Kammerer, John "Kam"

Sign pros made Burma ads famous/
DEC 114

Kane, Tom

The old days/JUL 95

Kanter, Larry

The electric sign: a neon sign in
Washington, DC/JAN 26

Kasper, Dan

Credit insurance: A case history/
DEC 84

Knecht Designs

Subcontracting profiles: Keith Knecht/
Knecht Designs/OCT 83

Knecht, Keith

Subcontracting profiles: Keith Knecht/
Knecht Designs/OCT 83

Kraft, Craig

Kraft's rising star showcased at The
Shops/MAR 103

Interview: Craig Kraft/DEC 104

Krueger Sign Co.

Golden oldies: Krueger Sign Co./
JUN 90

Krueger, A.J. and Louis

Golden oldies: Krueger Sign Co./
JUN 90

Leeteg, Edgar William

The legend of Leeteg/MAY 98

Leonelli, Dante

Interview: Dante Leonelli/APR 180

Lovret, E.I.

Respect . . . just a little bit/MAY 116

MET Electrical Testing Co

The electric sign: MET Electrical Test-
ing Co., Inc./FEB 38

Macramates, Inc.

Signing on with fiber art/DEC 110

Michael, Patrick

Vegas vehicle graphics = sensory bom-
bardment/MAY 120

Midwest Signs

Midwest Signs, Orange, New South
Wales/JUL 90

Miles, George

JJ of LA/MAY 102

Monograms 'n' More

Cal. shop rides high-tech wave/NOV
138

Moore, Mike

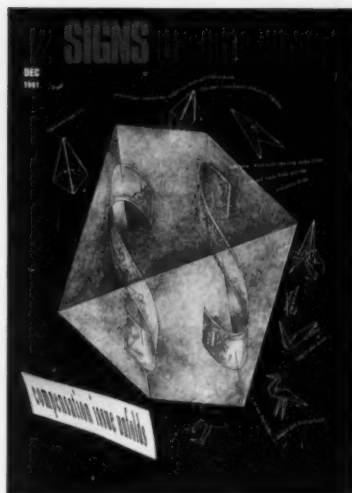
Workers' compensation: one man's
fight/DEC 72

Neon Co., The

Case histories: The Neon Co., Atlanta,
GA/FEB 93

Neon Projects

The electric sign: a neon sign in
Washington, DC/JAN 26



norSign

NorSign, Mackay, Queensland/JUL 80

Odell, Leonard

Burma Shave poet dies/NOV 70

Pearce Signs

Pearce Signs celebrates bicentenary . . .
a strong tradition of craftsmanship/
AUG 64

Prosch, Heinz

Success by design/DEC 100

QLINN board

New medium arrives on Times Square/
AUG 18

Ragan Outdoor Sign

Iowa signs up for riverboat gam-
bling/AUG 86

Ralph, Tony

British School of Neon steps into the
'90s/APR 98

Redd, Sy

Las Vegas slot machine is a casino/
MAY 41

Reindl, Dennis

The trials and tribulations of hunting
neon/AUG 104

River City Adv.

Iowa signs up for riverboat gambling/
AUG 86

Rosenkrantz, Bert

Subcontracting profiles: Bert Rosen-
krantz/Livingston, NJ/OCT 84

Sears Commercial Installation

Services

Sears installation network approaches
third year/OCT 92

Short, Patrick

Barton Glass & Gas, Sydney, New
South Wales & Adelaide, South Australia/
JUL 82

Sign Industry Employers Assn. (SIEA)

Sign association plays peacekeeping
role/DEC 82

Sign Shop of Bettendorf

Iowa signs up for riverboat gambling/
AUG 86

Sign-Mart

Cal. shop rides high-tech wave/
NOV 138

Signs & Things

Case histories: Signs & Things, Naples,
FL/FEB 90

Simms, Len

Althouse & Geiger, Sydney, New South
Wales/JUL 93

Smith, Donald Edward

Woodsmith carves niche in Steamboat
Springs (CO)/OCT 106

Smith, H. Truesdell

Senior signpainter now elevated
elder/MAY 106

Smith, Nelson & Oatis

Going back in time/NOV 128

Sobel, Gene

Cal. shop rides high-tech wave/
NOV 138

Starr, Jonathan and Tama

Artkraft Strauss' Starr trek: The next
generation/APR 162B

Swiatkowski, Steve

Midwest Signs, Orange, New South
Wales/JUL 90

Swormstedt, David Reid Jr.

A legacy of integrity/JUL 256

Sydney Technical College

Sydney Technical College/JUL 79

Taj Mahal Casino Resort

All that glitters/OCT 232

Tesla, Nikola

A Tesla odyssey/MAY 112

The Shops @ Natl. Place

Kraft's rising star showcased at The
Shops/MAR 103

Transportation Displays Inc. (TDI)

Outdoor heightens public aware-
ness/SEP 128

Treesh Neon Signs, St. Louis

Resurrection of a landmark neon
sign/JUL 116

Trim-Line

Trim-Line distributors form associa-
tion/MAR 36

Venice Neon Co.

Computerized "Chaos"/FEB 75

Vess Soda

Resurrection of a landmark neon
sign/JUL 116

Weinberg, Joan and Steve

Signing on with fiber art/DEC 110

Whiteway Signs Pty. Ltd.

Whiteway Signs Pty. Ltd./JUL 96

Wolverine Sign Works

Golden oldies: Wolverine Sign Works/
JUN 94

Woodsmith, Donald

Woodsmith carves niche in Steamboat
Springs (CO)/OCT 106

Yarger, Noel

A gift from Claus/NOV 280

Young Electric Sign, Las Vegas, NV

Las Vegas slot machine is a casino/
MAY 41

Zimmerman, Eric

dba Archigraphics: An interview with
neon artist Eric Zimmerman/APR 172 ■